

APPENDIX 5 - Biological Evaluation For Special Status Plant Species/Survey & Manage Species And Noxious Weeds

Level II Clearance

Legal Description: T.2N., R.2W., Sec.7,15,17,21,
T.2N., R.3W., Sec.3
T.3N., R.3W., Sec.9,21,27,29,33

Project name: Plentywater Creek Project

Preparer/Title: Kurt W. Heckeroth (Forest technician) **Date Prepared:** October 23, 2001

I. PREFIELD REVIEW (Level 1 Clearance)

A. General habitat description:

| | |
|---------------------------------|-------|
| Acres: T2N.,R2w.,sect. 7 | 81ac |
| T2N.,R2w.,sect.15 | 104ac |
| T2N.,R2w.,sect.17 | 24ac |
| T2N.,R2w.,sect.21 | 75ac |
| T2N.,R3w.,sect. 3 | 181ac |
| T3N.,R3w.,sect. 9 | 40ac |
| T3N.,R3w.,sect.21 | 126ac |
| T3N.,R3w.,sect.27 | 115ac |
| T3N.,R3w.,sect.29 | 28ac |
| T3N.,R3w.,sect.33 | 18ac |

Elevation Range: T.2N., R.2W. 500' - 1200'
T.3n., R.3W. 380' - 1640'

Habitat:

Mixed conifer/deciduous forest dominated by 30 to 80 year *Pseudotsuga menziesii* with and understory of *Acer macrophyllum*.

Riparian:

Streams:

Wet meadows, bogs (sphagnum, peat), seeps, marshes, ponds, lake margins, muddy elk wallows

Vernally wet pools, seeps, springs, floodplains

Dry meadows, grassy areas, ridges, slopes

Rocky soils, ridgetops, crevices, outcrops, cliffs, talus/scree, wet rock walls, and rocky/gravelly streambeds & banks.

Known sites in the vicinity of the proposed action:

Cimicifuga elata (tall bugbane): This sensitive plant species has a known site located in unit 21-2. BLM has partnered in a challenge cost share project with USDA Forest Service, and the Oregon Department of Agriculture to gather data on the distribution and biology for use in producing management protocols. Current recommendations include reduced efforts to monitor populations (i.e., monitoring at fewer sites and lower frequency, and targeted monitoring for populations expected to receive forest harvest treatments. Minimal buffers may be necessary to protect the species from disturbance associated with timber removal, and forest thinning may actually improve conditions for the species. The known site in unit 21-2 is located adjacent to a proposed regeneration harvest area and will have a 50 ft. buffer.

Recommended season of reconnaissance:

May through August - Vascular, Bryophyte, Lichen species

September through December - Fall Fungi

March through June - Spring Fungi

II. FIELD RECONNAISSANCE (Level 2 Clearance)**Survey Completion Date(s):**

Botanical surveys for Plentywater Creek project area began in June 2000. Special status plant species surveyed for included: Species listed under the BLM Manual 6840 categories, Survey & Manage Species listed under the Salem District Record of Decision dated 1995, and any species listed under the Endangered Species Act.

| | | |
|--------------------------|-------------------------------|---|
| Surveyor(s) Name: | Fungi | -Southern Oregon Ecological Matt Hoover Jordan Mayor |
| | Vascular Nox./Weed | -Environmental Consultants Ore. Orin C. Schumcher Christopher A Borg Karen A. Tate |
| | | Lichen / |
| | Bryophyte | -Rhizosphere, LLC Abraham Svoboda Shana Gross Richard Gaines Kate Sullivan |
| | Tetraphis | -Tillamook Resource Area Staff Heckerorth Pampush |
| | Buxbaumia | -Tillamook Resource Area Staff Heckerorth |

Special Status Species Found: None. A potential *Botrychium sp.* site was identified in T2N, R3W, Sect. 07 but was never verified. BLM staff returned to the site in FY01. The person that located the potential site indicated they were not sure whether it was *Botrychium sp.* and a sample was not taken therefore verification as a known site was not possible.

Survey and Manage Species Found:

Table 2. This table displays the listed species identified during field surveys. In January, 2001 there was an amendment to the S&M (Survey and Manage) requirements specified in the NFP ROD, (Northwest Forest Plan Record of Decision). This table reflects the change in status for Survey and manage species identified in this project area. For information regarding all changes in S&M species status refer to the *Record of Decision and Standards and Guidelines for Amendments to the Survey and Manage, Protection Buffer, and other Mitigation Measures Standards and Guidelines*, Jan., 2001.

| <u>SPECIES</u> | <u>*SURVEY & MANAGE STATUS</u> | |
|---------------------------------|------------------------------------|-------------------|
| | NWFP ROD 1995 | S&M ROD 2001 |
| <i>Otidea leporina</i> | Prot.Buffer/Strat. 3 | Category B |
| <i>Otidea onotica</i> | Prot.Buffer/Strat. 3 | Category F |
| <i>Bondarzewia mesenterica</i> | Strategy 1,2&3 | Category B |
| <i>Helvella maculata</i> | Strategy 1&3 | Category B |
| <i>Sowerbyella rhenana</i> | Prot.Buffer/Strat 1,3 | Category B |
| <i>Peltigera collina</i> | Strategy 4 | removed from list |
| <i>Lobaria pulmonaria</i> | Strategy 4 | removed from list |
| <i>Peltigera pacifica</i> | Strategy 4 | Category E |
| <i>Nephroma resupinatum</i> | Strategy 4 | removed from list |
| <i>Sticta fuliginosa</i> | Strategy 4 | removed from list |
| <i>Cetrelia cetrarioides</i> | Strategy 4 | Category E |
| <i>Sticta limbata</i> | Strategy 4 | removed from list |
| <i>Lobaria scrobiculata</i> | Strategy 4 | removed from list |
| <i>Antitrichia curtipendula</i> | Strategy 4 | removed from list |
| * <i>Tetraphis, spp</i> | Prot.Buffer/Strat 1,3 | Category A |
| * <i>Buxbaumia, spp</i> | Prot.Buffer | D1 |

*Both *Buxbaumia* and *Tetraphis* were located, during contract surveys, within the Plentywater Project Area but were not identified to species. Additional surveys have been conducted by BLM staff to assure proper identification /verification for *Tetraphis, geniculata* in units 3,15,21, & 21A. and additional surveys have also been conducted to verify each *buxbaumia spp* site. No sites were identified as *Tetraphis, geniculata* or *Buxbaumia, viridis*. All sites that cannot be verified will not be considered as known sites.

Description of project area and general remarks on survey results:

The Plentywater Creek Project area consisted of 50-70 year old *Pseudotsuga menziesii* forests. They were densely stocked stands with a canopy closure of 60%-70%. Areas of less significant canopy density commonly contained well established mixed stands of *Alnus rubra*, *Acer macrophyllum*, and *Thuja plicata*. Section 15 had a well established *Abies grandis* component. All units were mesic with gentle to moderate slopes from 5% to 25%. The dominant understory species was *Acer circinatum*. The abundance of *Acer circinatum* was directly related to canopy density. Other common understory species encountered were *Holodiscus discolor* and *Corylus cornuta*, *Gaultheria shallon*, *Pteridium aquilinum*, and *Polystichum munitum*.

The majority of surveyed units contained riparian habitat. The stand composition of this habitat area consisted of *Alnus rubra*, *Acer macrophyllum*, *Acer circinatum*, *Polystichum munitum*, and occasionally *Oplopanax horridum*. *Pseudotsuga menziesii*, *Tsuga heterophylla*, and *Thuja plicata* were common but rarely abundant within the riparian habitat.

Draws, steep ravines, and shallow gullies were common throughout the survey area. These features allowed for a thicker understory and shrub layer due to the patchiness in the canopy.

Noxious Weeds found:

Cirsium vulgare, *Cirsium arvensis*, *Hedera helix*, *Hypericum perforatum*, *Rubus discolor*, *Rubus laciniatus*, *Ilex aquifolium*, *Senecio jacobaea*, and *Cytisus scoparius*.

A complete list of all botanical species identified during the field survey is attached to this report.

III. IMPACT ANALYSIS

Survey and Manage Species:

In January 2001 an Amendment to the Survey and Manage, Protection Buffer, and other Mitigation Measures Standards and Guidelines was adopted. This Amendment replaces the Survey and Manage Species portions of the Supplemental Environmental Impact Statement of December 1999 and the NFP ROD (April 1994).

Otidea leporina, *Bondarzewia mesenterica*, *Helvella maculata*, and *Sowerbyella rhenana* are Category B Survey and Manage fungi species under the January 2001 Amendment. Management of all known sites for category B species is required (pg 9 and 11 of Standards and Guidelines, Jan 2001). *Otidea onotica* is a Category F Survey and Manage Species. (Table 1.1 Record of Decision and Standards and Guidelines Jan. 2001) Management of known sites for category F species is not required, (page 13 Standard and

Guidelines Jan. 2001).

Other survey and manage species found within the Plentywater Creek Project were Strategy 4 species under Supplemental Environmental Impact Statement (December 1999). All of these species have been removed from the survey and manage list in all or part of their range (refer to table 1-2 of the current Standards and Guidelines dated Jan. 2001).

Noxious Weeds:

All noxious weeds identified within the project area were Priority II and Priority III. These weed species are commonly found throughout Western Oregon. New road construction and other ground-disturbing activities, (such as yarding roads, landings. etc), offer the most likely places for noxious/exotic weeds to become further established. Some degree of noxious/exotic weed introduction or spread is probable as management activities occur in the project areas. Skid trails, landings, and bank stabilization, (soil disturbance), would be the most likely places for weed establishment.

IV. ANALYSIS OF SIGNIFICANCE OF EFFECTS

Survey and Manage Species:

Helvella maculata: produces solitary to gregarious sporocarps in a wide variety of habitats including suburban habitats and rotation age conifer stands. Although this is a category B species, the Management Recommendations for S&M fungi Sept. 1997 states, *Athis* taxa does not appear to be in need of special protection beyond that provided by the Northwest Forest Plan and the prospects of sustained habitat viability are excellent (group 25-8). Proposed project activities for the Plentywater Creek Project do not threaten species viability.

Otidea leporina, *Bondarzewia mesenterica*, and *Sowerbyella rhenana*: Threats to these taxa are actions that disrupt stand conditions necessary for their survival particularly damage to overstory trees and soil, litter, and duff disturbance. Management Recommendations for S&M fungi Sept. 1997 states, "Maintain habitat for all taxa at known sites by retaining old-growth forest structure and soil conditions. Avoid disturbance at known sites, including fire, logging, and road, trail, or campground construction until additional data is collected on taxon viability." Proposed project activities for Plentywater Creek Project will not impact individual sites, as plans to maintain existing microsite conditions by buffering should protect each known site and ensure species viability.

Peltigera pacifica: Found on substrates of soil, moss, logs, and tree bases. Even though this species has been located within or on the boundary of riparian reserves buffering will be used to maintain existing microclimate if needed. Thinning vs regeneration harvest will have different impacts to S&M sites and buffers will be adjusted accordingly.

Cetrelia cetrarioides: Found within riparian reserves, proposed project activities for Plentywater Creek Project do not threaten species viability.

3.2.1.2.1 Alternative 1 (No Action)

No adverse impacts to the survey and manage species found in these units would be expected to occur under this alternative.

3.2.1.2.2 Alternative 2 (Proposed Action)

Forest Management on GFMA/matrix lands: In this alternative cable yarding and ground base yarding would occur. Ground based yarding can be expected to disturb the litter layer, soil, and woody debris to a greater extent than would cable yarding. Because all of the survey and manage species found grow in those substrates they could be negatively impacted. Verified sites that are recommended to have buffer protection will be individually assessed to establish strategies in maintaining their existing microclimate, therefore eliminating or reducing the impact to those sites.

Fish Habitat Enhancement: This project has design features that will alter the existing riparian plant habitat or plant communities. Within the range of natural variability alteration of these sites, although accelerated, would not be outside its natural balance. Fungi surveys were completed in Nov 2000 with three site visits which indicated no Survey and manage species were found. *Vascular plant, Noxious Weed, Lichen and Bryophyte surveys will be conducted prior to signing of final Record of Decision.*

The Road Stabilization project has no known Bureau sensitive and special attention plant species / habitat located within the project area. Since the proposed action does not entail any “habitat disturbing” action, there is no requirement to perform pre-project surveys.

Fish and Wildlife habitat enhancement and campground/soil reclamation projects on GFMA/Matrix lands: The potential for impacts during the Wildlife Enhancement Project on Survey and Manage species would be mitigated by the project design criteria, such as: felled trees would be selected and felled in such a way as to avoid impacting existing decay class 3,4, and 5 down woody debris which is greater than 15 inches in diameter; a Qualified field botanist, Wildlife Biologist, or trained staff would be involved in selecting all trees to be felled. This would reduce the potential for impacts to any individual species that require a specific microclimate. The proposed openings in the canopy would not be significant enough to adversely alter the existing habitat, therefore no impacts to species viability will occur.

3.2.1.2.3 Alternative 3. (Soil and Water)

Same as Alternative 2 even though ground based yarding would be eliminated in commercial thinning areas. The impacts of cable yarding will present disturbance but will not impact species viability.

3.2.1.2.3 Alternative 4. (Urban Interface)

Same as Alternative 2.

Noxious Weeds: No appreciable increase in most noxious weed / invasive exotic populations identified during the field surveys is expected to occur. Within the thinning units, any increase that does occur should be mostly confined to road corridors and would be expected to decrease over time as native species re-vegetate. Where *Hedera helix* (English Ivy) is located, (T2N, R2W, S21 and T2N, R2W, S15), efforts to control those populations will be introduced. Hand cutting, pulling, and piling will be accomplished prior to harvest activities. Controlled pile burning will also be used to reduce re-sprouting of piled plant material. Post harvest treatments of manually cutting and/or pulling the new shoots of *Hedera* will be implemented based on need identified during annual monitoring. Native plant species will be planted to overtop the *Hedera* and control the site when native plant material is available.

Effects of Alternatives - The vehicle traffic associated with the alternatives could continue to contribute to the spread of noxious/exotic weeds along logging roads. With regular monitoring and treatment programs (as planned), none of the alternatives would be expected to adversely increase noxious/exotic weeds beyond controllable levels. There are planned activities to control Scotch broom and English Ivy.

Alternative 1 - Would increase the spread of noxious/exotic weeds because no action would occur. Both English Ivy and Scotch broom persist within the project boundaries. This action would eliminate the control of these sites. Should no action occur these known sites could be expected to spread.

Alternative 2 - Would have potential to increase the spread of noxious/exotic weeds because of ground disturbance associated with the proposed actions.

Alternative 3 - Same as Alternative 2 above.

Alternative 4 - Same as Alternative 2 above.

Cumulative Effects - Vehicle traffic associated with the foreseeable actions would continue to contribute to the spread of noxious/exotic weeds along freshly open logging roads (and any new roads that might be built). Transported seed will establish mostly

along open roads and any freshly disturbed areas. Weeds would be expected to move from the existing road corridors into these disturbed areas but should decline once the natural vegetation becomes established again.

V. RECOMMENDATIONS

1. Noxious/exotic weed monitoring and control methods have been planned. These methods will likely slow the spread of existing populations and limit new introductions. All earth moving equipment is to be cleaned and free of soil, brush, and weeds before entering BLM administered lands to prevent the spread of any noxious weed species.
2. For the Fish and Wildlife habitat enhancement and campground/soil reclamation projects on GFMA/Matrix lands, felled trees would be selected and felled in such a way as to avoid impacting existing decay class 3,4, and 5 down woody debris which is greater than 15 inches in diameter plus a Qualified field botanist, a Wildlife Biologist or trained staff would be involved in selecting all trees to be felled.

Lichen and Bryophyte species searched for in Plentywater Creek Project

6840 (State Office list for Salem district) D=documented, S=suspected, U=unknown

Type: b=bryophyte, l=lichen

Ref: references for bryophytes, page in Lawton

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|--|---|--------------|---------------------|------|-----|------|
| BUREAU SENSITIVE (BS) | | | | | | |
| <i>Sulcaria badia</i> Brodo & D. Hawksw. | Cr, Km, WV; CA, WA; Bent, Coos, Doug, Jose | | | l | | S |
| ASSESSMENT SPECIES (AS) | | | | | | |
| <i>Andreaea schofieldiana</i> B. Murr. | KM: CA, BC; Curr | | | b | | D |
| <i>Barbilophozia lycopodioides</i> (wallr.) Loeske Giant fourpoint, maple liverwort | CR; Bake, Clat, Linn, Gran peaty or highly organic soils in forest with regular snowfall | mid-high | | b | | S |
| <i>Calypogeia sphagnicola</i> (H. Arn. & Perss.) K. Muell. Bog pouchwort | WC, CR; Clac, Coos, Curr, Lane, Linc, Linn, Till sphagnum containing wetlands, associated with Drosera, Tofieldia, Ledum, Carex, Kalmia, Spirea, Trientalis, Vaccinium | | | b | | D |
| <i>Diplophyllum plicatum</i> Lindb. | CR; Clat, Coos, Linc West slope of the Cascades where cool, humid conditions occur. Substrates include: decayed wood, down logs, conifer trunks, moist north facing cliffs, shaded cliff crevices along river and stream banks, soil of upturned roots | | | b | | S |
| <i>Encalypta brevipes</i> Schljak stubby extinguisher moss | CR; Clat soil on ledges and in crevices on cliffs, usually on igneous or siliceous rocks, Fog | | | b | 115 | U |
| <i>Erioderma sorediatum</i> D.J. Galloway & P.M. Jørg. | CR; Coos, Lane, Linc | | | l | | U |
| <i>Gymnomitrium concinnatum</i> (Lightf.) Corda | WC; Hook, Mult peaty soil often assoc. w/ cliffs & rocks | subalp | | b | | S |
| <i>Herbertus aduncus</i> (dicks.) S.F. Gray | CR, WC; Clat, Mult on a variety of substrates, areas w/ high moisture and moderate temperatures | various | | b | | S |
| <i>Herbertus sakuraii</i> (Warnst.) Hatt. Pacific scissorleaf | CR; Clat, usu. on peaty substrates where constantly cool and moist | | | b | | S |
| <i>Hypogymnia pulverata</i> (Nyl. Ex Crombie) Elix | CR; Till | | | l | | D |
| <i>Hypogymnia subphysodes</i> (Kremp.) Filson | CR; Lane | | | l | | S |
| <i>Iwatsukiella leucotricha</i> (Mitt.) Buck & Crum | CR; Clat Bark of conifers & alders, along ridges subject to fog, wet areas along immed. coast. Silver fir zone at mid-high elev. Forms mats w/ other bryophytes | various | | b | | S |
| <i>Lobaria linita</i> (Ach.) Rabenh. | CR; Linn, Polk | | | l | | D |
| <i>Lophozia laxa</i> (Lindb.) Grolle | CR, WC; Lane, Linn, Till growing among sphagnum | | | b | | S |

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|--|---|--------------|------------------|------|-----|------|
| <i>Metzgeria temperata</i> Kuwah. nubbly daintyribbons | CR; Till On tree trunks usually shaded near the coast in mats or mixed w/ other bryos | | | b | | S |
| <i>Micromitrium tenerum</i> (Bruch & Schimp. in B.S.G.) Crosby | WV; BC; Bent, Linn | | | b | | S |
| <i>Physcomitrella patens</i> (Hedw.) Bruch & Schimp. in B.S.G. | WV; BC, MB; Bent | | | b | | S |
| <i>Pilophorus nigricaulis</i> Sato | CR, WC; Clat, Linn, Mari, Mult on rock, cool moist rocky slopes | | | l | | D |
| <i>Plagiochila semidecurrens</i> var. <i>alaskana</i> (Evans) H. Inoue | CR; Clat On wet rocks & trees, moist n-facing slopes | | | b | | S |
| <i>Pohlia sphagnicola</i> (Bruch & Schimp.) Lindb. & Arnell Sparse hummock moss, Nodding bog moss | CR; Till, Lane growing amongst sphagnum on top of hummocks | | | b | | S |
| <i>Polytrichum strictum</i> Brid. (= <i>P. juniperum</i> affine) Hummock haircap, slender haircap, narrow-leaved haircap | CR; Clat scattered individually or forming loose turfs on organic soils, particularly on top of sphagnum hummocks, in coastal and montane mires | | | b | 42 | S |
| <i>Radula brunnea</i> Steph. | CR; Clat Peaty ledges on cliffs sheltered by ridgetops, grows in mats | | | b | | S |
| <i>Rhytidium rugosum</i> (Hedw.) Kindb. crumpled-leaf moss, droop-branch moss, beruffled moss | CR; Clat forming loose mats over dry exposed rocks or on dry soil, usu on the sloping sides and tops of dry bluffs and cliffs. Fog | | | b | 331 | S |
| <i>Schistostega pennata</i> (Hedw.) Web. & Mohr | CR; Polk | | | b | | D |
| <i>Sticta arctica</i> Degel. | CR; Clat | | | l | | S |
| <i>Teloschistes flavicans</i> (Sw.) Norman | CR; Coos, Curr, Till on bark or wood in coastal headland forests | | | l | | D |
| <i>Tetraplodon mnioides</i> (Hedw.) Bruch & Schimp. in B.S.G. Black-fruited stink moss, dung moss | CR, WC; Lane, Linc, Mari forming stiff, densely packed sods in old dung or soil and rotten wood enriched by dung, in peatlands as well as drier uplands such as forests, old clearcuts and along roads and trails. Ephemeral | | | b | 161 | D |
| <i>Tritomaria exsectiformis</i> (Breidl.) Loeske forest brownwort | WC; Desc, Jeff, Okan, Wash On peaty or humic soil or rotting wood, often on creek banks where perpetually shady, cool and moist | 3200-5100 ft | | b | | S |
| <i>Tritomaria quinquentata</i> (Huds.) Buch | CR; Clat Organic substrates where shady, cool, & moist. Soil over rock | | | b | | S |
| TRACKING SPECIES (TS) | | | | | | |
| <i>Anomobryum filiforme</i> (Dicks.) Solms in Rabenhorst | CR, WC; Bake, Clat, Klam | | | b | 185 | S |
| <i>Barbilophozia barbata</i> (Schmid.) Loeske | CR; Clat Peaty soil or organic substrate, often assoc. w/ rock outcrops | | | b | | S |

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|--|--|-----------|------------------|----------------------|-------------|------------------|
| <i>Bruchia bolanderi</i> Lesq. Bolander=s candle moss, Bolander=s pygmy moss | WC; Clac, Desc, Lane, Klam occurring as individual plants among grasses, or forming large colonies in openings, on moist disturbed soil with organic content, shaded to partial sun in the subalpine zone. Montane meadows and streambanks. Disturbed sites with minimal vegetation | | | b | | S |
| <i>Bryoria bicolor</i> (Ehrh.) Brodo & D. Hawksw. | CR; Clat, Till, Linc | | | l | | S |
| <i>Bryoria subcana</i> (Nyl. Ex Stizenb.) Brodo & D. Hawksw | CR, WC; Bent, Clac, Clat, Coos, Lane, Till wet Picea, Abies and Pseudotsuga forest within 50 miles of coast | low-high | | l | | S |
| <i>Fissidens grandifrons</i> Brid. | CR, KM, WC; CA, BC, NV; Curr, Doug, Mult | | | b | | S |
| <i>Hedwigia stellata</i> Hedenas | WC; Mari, Mult, Polk, Whee, Yamh | | | b | | S |
| <i>Ochrolechia subplicans</i> (Nyl.) Brodo | CR; Clat | | | l | | S |
| <i>Pannaria rubiginosa</i> (Ach.) Bory | CR, WC; Lane, Linc, Mari | | | l | | D |
| <i>Physcomitrium immersum</i> Sull. | WV; CA, WA, BC, MB; Bent, Linn | | | b | | S |
| <i>Platyhypnidium riparioides</i> (Hedw.) Dix. | CR, WC; Coos, Lane, Linc, Till | | | b | 302 | S |
| <i>Pressia quadrata</i> (Scop.) Nees Blister-ribbon | BM, WV; Bake, Mult, Wall terrestrial on damp mineral soil w/ other thalloid liverworts, sandy river, calcareous substrates | | | b | | S |
| <i>Pseudocypbellaria rainierensis</i> Imshaug | CR, WC; Clac, Lane, Linc, Linn, Mari, Polk, Till usu on conifers, moist old-growth forests | low-mid | | l | | D |
| <i>Rhizomnium nudum</i> (Britt. & Williams) T. Kop. <i>Thamnobryum neckeroides</i> (Hook.) Lawt. <i>Usnea hesperina</i> Mot. <i>Usnea rubicunda</i> Stirton | CR, WC, BM; Bake, Clac, Linc, Linn, Wall WC; Lane, Linn, Mult CR, WV; Bent, Coos, Curr, Doug, Jack, Lane, Linn, Till CR; Coos, Lane, Linc, Till | | | b b l l | 245 | S S S S |

Lichen and Bryophyte Survey and Manage species searched for in Plentywater Creek Project

| <u>SPECIES</u> | CATEGORIES | | | | | |
|---------------------------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | <u>A</u> | <u>B</u> | <u>C</u> | <u>D</u> | <u>E</u> | <u>F</u> |
| Lichens | | | | | | |
| Rare Forage Lichen | | | | | | |
| <i>Bryoria tortuosa</i> | x | | | | | |
| Rare Leafy (arboreal) Lichens | | | | | | |
| <i>Hypogymnia duplicata</i> | x | | | | | |
| <i>Tholurna dissimilis</i> | | x | | | | |
| Rare Nitrogen-fixing Lichens | | | | | | |
| <i>Dendroscopula intricatulum</i> | | x | | | | |
| <i>Lobaria linita</i> | | x | | | | |
| <i>Nephroma occultum</i> | | x | | | | |
| <i>Pannaria rubiginosa</i> | | | | x | | |
| <i>Pseudocyphellaria rainierensis</i> | x | | | | | |
| Nitrogen-fixing Lichens | | | | | | |
| <i>Lobaria oregana</i> | x | | | | | |
| <i>Nephroma bellum</i> | | | | | x | |
| <i>Pannaria saubinetii</i> | | | | | x | |
| <i>Peltigera pacifica</i> | | | | x | | |
| Pin Lichens | | | | | | |
| <i>Calicium abietinum</i> | | x | | | | |
| <i>Calicium adpersum</i> | | | | x | | |
| <i>Calicium glaucellum</i> | | | | | x | |
| <i>Calicium viride</i> | | | | | x | |
| <i>Chaenotheca chrysocephala</i> | | x | | | | |
| <i>Chaenotheca ferruginea</i> | | x | | | | |
| <i>Chaenotheca furfuracea</i> | | | | | x | |
| <i>Chaenotheca subroscida</i> | | | | x | | |
| <i>Chaenothecopsis pusilla</i> | | | | x | | |
| <i>Microcalicium arenarium</i> | | x | | | | |
| <i>Stenocybe clavata</i> | | | | x | | |
| Riparian Lichens | | | | | | |
| <i>Cetralia cetrarioides</i> | | | | x | | |
| <i>Collema nigrescens</i> | | | | | x | |
| <i>Leptogium cyanescens</i> | x | | | | | |
| <i>Platismatia lacunosa</i> | | | x | | | |
| <i>Ramalina thrausta</i> | x | | | | | |
| <i>Usnea longissima</i> | x | | | | | |
| Aquatic Lichens | | | | | | |
| <i>Leptogium rivale</i> | | x | | | | |

| <u>SPECIES</u> | <u>CATEGORIES</u> | | | | | |
|---|-------------------|----------|----------|----------|----------|----------|
| | <u>A</u> | <u>B</u> | <u>C</u> | <u>D</u> | <u>E</u> | <u>F</u> |
| Rare Oceanic-Influenced Lichens | | | | | | |
| <i>Buellia oideale</i> | | | | x | | |
| <i>Hypogymnia oceanica</i> | | | | | | x |
| <i>Niebla cephalota</i> | x | | | | | |
| <i>Pseudocyphellaria mougeotiana</i> | | x | | | | |
| <i>Teloschistes flavicans</i> | x | | | | | |
| <i>Usnea hesperina</i> | | x | | | | |
| Oceanic-Influenced Lichens | | | | | | |
| <i>Pyrrhospora quernei</i> | | | | x | | |
| Additional Lichen Species | | | | | | |
| <i>Heterodermia sitchensis</i> | | | | x | | |
| <i>Hygomyces vittata</i> | | | | x | | |
| <i>Hypotrachyna revoluta</i> | | | | x | | |
| <i>Ramalina pollinaria</i> | | | | x | | |
| <i>Nephroma isidiosum</i> | | | | x | | |
| Bryophytes | | | | | | |
| <i>Brotherella roelli</i> | | | | x | | |
| <i>Buxbaumia viridis</i> | | | | | | x |
| <i>Diplophyllum albicans</i> | | | | | | x |
| <i>Diplophyllum plicatum</i> | | x | | | | |
| <i>Encalypta brevicollis</i> var. <i>crumiana</i> | | x | | | | |
| <i>Herbertus aduncus</i> | | x | | | | |
| <i>Iwatsukiella leucotricha</i> | | x | | | | |
| <i>Kurzia makinoana</i> | | x | | | | |
| <i>Marsipella emarginata</i> var. <i>aquatica</i> | | x | | | | |
| <i>Orthodontium gracile</i> | | | x | | | |
| <i>Racomitrium aquaticum</i> | | x | | | | |
| <i>Rhizomnium nudum</i> | | x | | | | |

Special Status Vascular Plant species searched for in Plentywater Creek Project

6840 (State Office list for Salem district) D=documented, S=suspected, U=unknown

Type: v=vascular plant

Ref: references for: vascular plants, Hitchcock vol: page

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|---|---|-----------|------------------|------|-------|------|
| FEDERAL PROPOSED ENDANGERED (FPE) | | | | | | |
| <i>Erigeron decumbens</i> Nutt. var. <i>decumbens</i> Willamette daisy | WV; Bent, Clac, Lane, Linn, Mari, Polk, Wash, Yamh open places, seasonally wet prairies | | June-July | v | 5:174 | S |
| FEDERAL PROPOSED THREATENED (FPT) | | | | | | |
| <i>Lupinus sulphureus</i> var. <i>kincaidii</i> (Smith) Phillips Kincaid=s lupine | WV, KM; WA; Bent, Doug, Lane, Linn, Mari, Polk, Wash, Yamh | | | v | | S |
| FEDERAL THREATENED (FT) | | | | | | |
| <i>Castilleja levisecta</i> Greenm. golden paintbrush | WV; Linn, Mari, Mult Wet or vernal wet meadows | <1000 | April - Aug | v | 4:310 | S |
| <i>Howellia aquatilis</i> A. Gray | WV; Clac, Mari, Mult Shallow ponds and marshes | <200 | May | v | 4:491 | S |
| <i>Sidalcea nelsoniana</i> Piper Nelson=s sidalcea | CR, WV; Bent, Linn, Mari, Polk, Till, Wash, Yamh on gravelly, well-drained soil | | May-July | v | 3:428 | D |
| STATE ENDANGERED | | | | | | |
| <i>Cordylanthus maritimus</i> Nutt ex Benth. ssp. <i>palustris</i> (Behr) Chuang & Heckard Salt marsh bird=s-beak | CR; Coos, Lane, Linc, Till | | | v | 4:328 | S |
| <i>Delphinium leucophaeum</i> Greene white rock larkspur | WV; Clac, Mari, Mult dry bluffs, open ground, ditches & fencerow | <1000 | May - early June | v | 2:355 | S |
| <i>Delphinium pavonaceum</i> Ewan peacock larkspur | WV; Clac, Mari, Mult, Bent, Polk roadsides, dry areas | <1500 | May - June | v | 2:362 | S |
| STATE THREATENED | | | | | | |
| <i>Aster curtus</i> Cronq. white-topped aster | WV; Clac, Linn, Mari, Mult. Prairies | | July-Aug | v | 5:80 | S |
| <i>Erythronium elegans</i> Hammond & Chamb. Coast Range fawn lily | CR; Linc, Polk, Till open meadows to deep shade under conifers pink to white flowers | 2500+ | April-June | v | 1:785 | D |
| BUREAU SENSITIVE (BS) | | | | | | |
| <i>Agrostis howellii</i> Scribn. Howell=s bentgrass | WC, WV; Mult moist rocks | | June-Aug | v | 1:469 | U |
| <i>Bolandra oregana</i> S. Watson Oregon bolandra | WC; Mult (Columbia Gorge) moist mossy rocks usu. near waterfalls | | May -June | v | 3:3 | S |
| <i>Cimicifuga elata</i> Nutt. tall bugbane | WV, WC; Clac, Linn, Mari, Mult Moist, cool, woods, north slopes, usu. assoc. w/ big leaf maple and sword fern | <2000 | June-Aug | v | 2:337 | D |
| <i>Corydalis aquae-gelidae</i> Peck & Wilson cold-water corydalis | WC; Clac, Linn, Mari, Mult Cold springs and streams | >1000 | Mid June-July | v | 2:423 | D |
| <i>Cypripedium fasciculatum</i> Kell. ex S. Watson clustered lady=s-slipper | KM, WC, BM; CA, CO, ID, MT, WA, WY; Bake, Curr, Doug, Jack, Jose | | | v | | U |
| <i>Delphinium oreganum</i> How. Willamette Valley larkspur | CR, WV, WC; Bent, Clac, Linn, Mari, Polk | | | v | 2:346 | D |

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|---|--|-------------------|----------------------|------|-------|------|
| <i>Dodecatheon austrofrigidum</i> Chamb. ined. frigid shootingstar | CR; Clat, Till shallow soils deposited on basaltic bedrock by floodwaters, or among mosses & short herbs which colonize moist rock | | | v | 4:40 | D |
| <i>Erigeron howellii</i> A. Gray Howell=s daisy | WC; Clac, Mult Columbia Gorge moist & often rocky places | | April-June | v | 5:181 | S |
| <i>Erigeron oregonus</i> A. Gray Oregon daisy | WC; Mult Columbia Gorge moist shady cliffs & ledges | | July-Aug | v | 5:185 | U |
| <i>Filipendula occidentalis</i> (S. Watson) How. queen-of -the-forest | CR; Clat, Linc, Polk, Till full sun or partial shade, rock riverbanks just above high waterline, & rocky N-facing cliffs overlooking streams where seeps & crevices provide moisture | | June - July | v | 3:105 | D |
| <i>Horkelia congesta</i> Douglas ssp. <i>congesta</i> shaggy horkelia | WV; Doug, Lane, Linn, Mari, Polk, Wash open sandy or rocky flats, sparsely wooded areas | | April-June | v | 3:117 | S |
| <i>Montia howelli</i> S. Watson Howell's montia | CR, WV, WC; Clac, Linn, Mult rocky river banks esp. in disturbed sites | <2500 | April - early May | v | 2:240 | S |
| <i>Sullivantia oregana</i> S. Watson Oregon sullivantia | WV, WC; Clac, Mult moist cliffs esp. near waterfalls | | May-August | v | 3:58 | S |
| ASSESSMENT SPECIES (AS) | | | | | | |
| <i>Anemone oregana</i> Gray. var. <i>felix</i> (Peck) C.L. Hitchc. bog anemone | CR; Linc, Polk moist wood to open hillsides, cool moist grassy areas with a high water table | | May-Aug | v | 2:329 | D |
| <i>Arabis sparsiflora</i> Nutt. Var. <i>atrorubens</i> (Greene) Roll. Sickle-pod rockcress | WC; Mult | | April-June | v | 2:455 | U |
| <i>Botrychium minganense</i> Vict. gray moonwort | WC, EC, BM, BR; CA, ID, WA; Bake, Croo, Gran, Ham, Hood, Linn, Unio, Wall, Wasc, Whee riparian zones w/ old-growth Thuja plicata, dense shade but also in meadows, alder thickets, shrublands, roadcuts | | | v | 1: | U |
| <i>Carex comosa</i> Boott | WV; Colu, Jose, Mult marshes, lake shores, wet meadows | | May-July | v | 1:255 | U |
| <i>Carex livida</i> (Wahl.) Willd. Pale sedge | CR, WC; Clac, Mult peat bogs, swampy woods | low | | v | 1:285 | S |
| <i>Carex macrochaeta</i> C.A. Mey. Alaska long-awned sedge | CR, WC; Mult moist or wet open places often near beaches | | June-Aug | v | 1:289 | S |
| <i>Carex pluriflora</i> Hulten many-flowered sedge | CR; Clat marshes, streambanks, boggy shores near the coast | | June-July | v | 1:311 | S |
| <i>Castilleja rupicola</i> Piper cliff paintbrush | WC; Clac, Desc, Lane, Linn, Mari, Mult perpendicular cliffs and rocky slopes | 4000- 7000 ft. | June-Aug | v | 4:321 | S |
| <i>Cicendia quadrangularis</i> (Lam.) Griseb. timwort | CR, KM; CA; Coos, Doug, Lane, Linn | | | v | | S |
| <i>Delphinium nuttallii</i> A. Gray Nuttall=s larkspur | WC; Clac, Mult gravelly outwash Aprairies@, basaltic cliffs | | May-June | v | 2:360 | S |
| <i>Dryopteris filix-mas</i> (L.) Schott male fern | CR, WC, BM, OU; CA, WA, ID; Bake, Colu, Malh, Umat, Unio, Wall, Wasc thickets, moist woods, streambanks | | | v | 1:75 | S |
| <i>Erigeron peregrinus</i> (Pursh) Greene ssp. <i>peregrinus</i> var. <i>peregrinus</i> wandering daisy | CR; Clat, Till moist meadows, streamsides, or bogs | mid-high | July-Aug | v | 5:186 | S |

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|---|---|-----------|------------------|------|-------|------|
| <i>Eriophorum chamissonis</i> C.A. Mey. russet cotton-grass | CR; Clat, Coos, Lane, Linc, Till swamps & other wet places in mountains | mid | | v | 1:361 | S |
| <i>Fritillaria camschatcensis</i> (L.) Ker-Gawl | CR, WC; Linc, Mult, Polk moist areas near tideflats to wet mtn. meadows. Mid-elev. cool sphagnum bogs | | May-July | v | 1:791 | D |
| <i>Geum triflorum</i> Pursh var. <i>campanulatum</i> (Greene) C.L. Hitchc western red avens | CR; Clat moister spots in sagebrush plains and low foothills to subalpine ridges and talus | | April-Aug | v | 3:115 | S |
| <i>Hydrocotyle verticillata</i> Thunb. whorled marsh-pennywort | CR, WV; CA; Bent, Coos, Curr, Doug wet ground | | | v | 3:535 | S |
| <i>Isopyrum stipitatum</i> A. Gray dwarf isopyrum | CR, WV; Bent, Doug, Jack, Mari, Polk, Yamh shady areas | | Feb-May | v | 2:366 | S |
| <i>Lewisia columbiana</i> (How.) Robins. var. <i>columbiana</i> Columbia lewisia | WC; Mult exposed gravel banks and rocky slopes | | May-Aug | v | 2:232 | S |
| <i>Lewisia columbiana</i> (How.) Robins. var. <i>rupicola</i> (Engl.) C.L. Hitchc. Rosy lewisia | CR; Clat, Till | | May-Aug | v | 2:232 | S |
| <i>Limonium californicum</i> (Boiss.) A.A. Heller western marsh-rosemary | CR; CA; Coos, Linc | | | v | | S |
| <i>Lycopodiella inundata</i> (L.) Holub bog club moss | CR, WC, EC; Clac, Coos, Doug, Klam, Lane, Linc, Linn acid bogs and wet meadows | | | v | | D |
| <i>Lycopodium complanatum</i> L. ground cedar | WC; Clac, Mari, Mult Moist forests | >3000 | | v | 1:25 | S |
| <i>Microseris bigelovii</i> (A. Gray) Sch. Bip. coast microseris | CR; CA, WA; Coos, Curr, Lane, Linc open, rather moist places | | May-June | v | 5:268 | U |
| <i>Poa unilateralis</i> Scribn. San Francisco bluegrass | CR; Linc dunes, open facing cliffs | | | v | 1:674 | S |
| <i>Scirpus subterminalis</i> Torr. water clubrush | CR, WC; CA, ID, WA; Doug, Coos, Jack, Klam, Lane, Linc, Linn | | | v | | U |
| <i>Stellaria humifusa</i> Rottb. creeping chickweed | CR; WA; Lane, Linc along coast esp. in salt marshes | | June-Aug | v | 2:306 | D |
| <i>Tauschia stricklandii</i> (Coult. & Rose) Math. & Const. Strickland=s tauschia | WC Mult meadows and moist slopes | high | | v | 3:585 | U |
| <i>Wolffia borealis</i> (Hegelm.) Landolt & O. Wildi dotted water-meal | WV; WA; Bent, Lane, Polk | | | v | | D |
| <i>Wolffia columbiana</i> Carst. Columbia water-meal | WV, WC; Clac, Linn, Mult aquatic | | | v | 1:735 | S |
| TRACKING SPECIES (TS) | | | | | | |
| <i>Abronia latifolia</i> Eschsch. yellow sandverbena | CR; Clat, Coos, Curr, Doug, Lane, Linc, Till coastal beaches | low | May-Aug | v | 2:222 | D |
| <i>Allium unifolium</i> Kell. One-leaved onion | WV; Polk, Yamh (near Willamina) moist soils | | May-July | v | 1:758 | S |
| <i>Carex macrocephala</i> Willd. ex Spreng. bighead sedge | CR; Clat, Coos, Doug, Linc, Till sandy beaches and dunes along coast | | June-Sept | v | 1:287 | D |

| SPECIES & STATUS | HABITAT | ELEV (FT) | BEST I.D. SEASON | TYPE | REF | 6840 |
|--|---|--------------|---------------------|------|-------|------|
| <i>Cypripedium montanum</i> Douglas mountain lady's-slipper | WV, WC, EC, BM; Jack, Jeff, Jose, Klam, Lake, Lane, Mari, Morr, Unat, Unio, Wall, Wasc, Whee dry to fairly moist, open to shrub or forest covered valleys or mountain sides | Low - mod | May - Aug | v | 1:833 | S |
| <i>Darlingtonia californica</i> Torr. California pitcher-plant | CR; Coos, Curr, Doug, Jose, Lane, Linc, Till bogs along coast and inland esp. by trickling streams | | June-Aug | v | 2:563 | S |
| <i>Douglasia laevigata</i> A.Gray smooth-leaved douglasia | WC; Clac, Mari, Mult, Linn Rock crevices on wet cliffs. Talus slopes to rocky ledges | Mod - high | June - July | v | 4:47 | D |
| <i>Elodea nuttallii</i> (Planchon) H. St. John Nuttall=s waterweed | WC, WV; Colu, Lake, Lane, Mult fresh to slightly brackish water | | | v | 1:152 | S |
| <i>Erythronium revolutum</i> Smith coast fawn-lily | CR; Clat, Coos, Curr, Bent, Doug, Lane, Linc, Polk, Till, Yamh Along river banks or in edge of woods in open or mod. shade. More freq. near coast | | April - May | v | 1:790 | D |
| <i>Euonymus occidentalis</i> Torr. Western wahoo | WV, WC; Clac, Mult | | | v | 3:409 | D |
| <i>Huperzia occidentalis</i> (Clute)Beitel= <i>Lycopodium selago</i> fir club moss | WC: Clac, Hood, Linn, Mari, Mult, Wall, Wasc humid exposed cliffs & talus slopes to streambanks & dense moist woods | | | v | 1:27 | D |
| <i>Juncus kelloggii</i> Engelm. Kellogg=s dwarf rush | WV; Colu, Hood, Jose, Linn, Mari moist banks damp areas in open fields, montane meadows, edge of vernal pools | mid | April-July | v | 1:199 | S |
| <i>Lathyrus holochlorus</i> (Piper) C.L. Hitchc. thin-leaved peavine thin-leaved peavine | WV; Bent, Clac, Lane, Linn, Mari, Polk, Yamh fencerows and partially cleared land | | May-July | v | 3:282 | D |
| <i>Montia diffusa</i> (Nutt.) Greene branching montia | WV, WC; Clac, Linn, Mari, Mult moist woods, recently burned areas | <3500 | April-July | v | 2:239 | D |
| <i>Parvisedum pumilum</i> (Benth.) Clausen sierra mock-stonecrop | WV; Mult? | | | v | | |
| <i>Poa laxiflora</i> Buckl. Loose-flowered bluegrass | CR, WC; Clac, Mult, Bent. Moist woods to rocky open slopes. | Low | June | v | 1:666 | D |
| <i>Poa marcida</i> Hitchc. weak bluegrass | CR, WC; Clac, Clat, Linc, Mult, Polk, Till, Yamh Moist areas in coastal mountains | | June - July | v | 1:669 | D |
| <i>Rhinanthus crista-galli</i> L. yellow rattle | CR; Clat, Till Meadows, fields, and moist slopes | various | June - Aug | v | 4:411 | S |
| <i>Sidalcea campestris</i> Greene meadow sidalcea | CR, WV; Clac, Linn, Mari, Mult fencerows and roadsides | <1000 | Late June - July | v | 1:426 | D |
| <i>Spirodela punctata</i> (G. Meyer) C. Thompson dotted water-flaxseed | CR, WV?; Bent, Clat, Doug quiet water | | | v | 1:735 | |
| <i>Synthyris schizantha</i> Piper fringed synthyris | CR; Clat, Till moist, often shaded cliffs and ledges in the mountains | | May-Aug | v | 4:416 | U |
| <i>Vaccinium oxycocceus</i> L. Va | CR, WC; Clac, Linn, Mari, Mult. Sphagnum bogs | Low - mod | May - July | v | 4:34 | D |
| <i>Verbena hastata</i> L. Blue verben | WV, WC; Clac, Mult | | | v | 4:244 | U |

Vascular plant Survey and Manage species searched for in Plentywater Creek Project

| <u>SPECIES</u> | CATEGORIES | | | | | |
|---|------------|----------|----------|----------|----------|----------|
| | <u>A</u> | <u>B</u> | <u>C</u> | <u>D</u> | <u>E</u> | <u>F</u> |
| Vascular Plants | | | | | | |
| <i>Bensoniella oregana</i> (California) | <i>x</i> | | | | | |
| <i>Botrychium minganense</i> | <i>x</i> | | | | | |
| <i>Botrychium montanum</i> | <i>x</i> | | | | | |
| <i>Coptis asplenifolia</i> | <i>x</i> | | | | | |
| <i>Coptis trifolia</i> | <i>x</i> | | | | | |
| <i>Corydalis aqua-gelidae</i> | | | <i>x</i> | | | |
| <i>Cypripedium fasciculatum</i> | | | <i>x</i> | | | |
| <i>Cypripedium montanum</i> | | | <i>x</i> | | | |
| <i>Eucephalus vialis</i> | <i>x</i> | | | | | |
| <i>Galium kamstchaticum</i> | <i>x</i> | | | | | |
| <i>Plantanthera orbiculata</i> | | | <i>x</i> | | | |

ATTACHMENT J - 7: Noxious weed list

| SCIENTIFIC NAME | COMMON NAME | BEST ID. SEASON |
|---|---------------------------|-------------------------|
| PRIORITY I SPECIES - POTENTIAL NEW INVADERS | | |
| <i>Carduus pycnocephalus</i> | Italian thistle | May - June |
| <i>Carthamus lanatus</i> | distaff thistle | |
| <i>Carthamus leucocaulos</i> | whitestem distaff thistle | |
| <i>Centaurea solstitialis</i> | yellow starthistle | |
| <i>Centaurea virgata</i> | squarrose knapweed | |
| <i>Chondrilla juncea</i> | rush skeletonweed | mid July - Frost |
| <i>Centaurea calcitrapa</i> | purple starthistle | |
| <i>Centaurea iberica</i> | Iberian starthistle | |
| <i>Carduus tenuiflorus</i> | slenderflower thistle | |
| <i>Lythrum salicaria</i> | purple looserife | Aug. - Sept. |
| <i>Silybum marianum</i> | milk thistle | Late April - Early June |
| <i>Linaria vulgaris</i> | yellow toadflax | June-Sept |
| PRIORITY II SPECIES - ERADICATION OF NEW INVADERS | | |
| <i>Centaurea diffusa</i> | diffuse knapweed | July - Sept. |
| <i>Centaurea maculosa</i> | spotted knapweed | July - Oct. |
| <i>Centaurea pratensis</i> | meadow knapweed | July - Oct. |
| <i>Ulex europaeus</i> | gorse | April - Sept. |
| <i>Linaria dalmatica</i> | dalmation toadflax | |
| PRIORITY III SPECIES - ESTABLISHED INFESTATIONS | | |
| <i>Cirsium arvensis</i> | Canada thistle | July - Aug |
| <i>Cirsium vulgare</i> | bull thistle | July - Sept |
| <i>Cytisus scoparius</i> | Scotch broom | May - June |
| <i>Dipsacus sylvestris</i> | teasel | July - Oct |
| <i>Hedera helix</i> | English ivy | year round |
| <i>Hypericum perforatum</i> | St. Johnswort | June - July |
| <i>Ilex aquifolium</i> | English holly | year round |
| <i>Rubus discolor</i> | Himalayan blackberry | year round |
| <i>Rubus laciniatus</i> | evergreen blackberry | year round |
| <i>Phalaris arundinacea</i> | reed canary grass | June - Sept |
| <i>Polygonum sachalinense</i> | giant knotweed | June - Oct |
| <i>Senecio jacobaea</i> | tansy ragwort | July - Sept |
| <i>Senecio sylvaticus</i> | wood groundsel | June - Sept |